




Preferred Milks Product Summary

	HI-BAK 260 	HI-BAK 550 	HI-BAK RMB 
Ingredients:	Whey, corn flour, sodium caseinate	Soya flour, whey, calcium sulphate	Soya flour, whey, calcium sulphate
Application			
Breads, Rolls, Buns	X	X	X
Cakes, Pies & Doughnuts	X		
Cookies & Muffins	X		
Sweet Goods	X		
Sauces & Gravies			
Functions			
Buffer Value	Good	Good	Good
Lactose-Color Reaction	Good	Good	Good
Nutrition	Very Good	Very Good	Excellent
Tenderizing Effect	Good	Good	Good
Water Absorption	100	100	100
Flavor	Rich	Rich	Rich
Crumb	Clear	Creamy	Creamy
Crust Color	Good	Golden	Golden
Staling	Retards	Retards	Retards
Texture	Silky	Smooth	Smooth
Typical Analysis			
% Moisture	5.68	5.95	5.61
% Protein	16.13	35.96	35.46
% Ash	5.72	6.82	6.00
% Carbohydrates	69.44	47.85	40.13
% Complex Carbohydrates	21.24	10.71	11.06
% Sugars	48.20	37.18	29.08
% Fat	1.01	1.05	0.90
% Saturated	0.57	0.42	0.30
% Un saturated	0.52	0.62	0.60
% Monounsaturated	0.31	0.25	0.22
% Polyunsaturated	0.21	0.37	0.38
% Dietary Fiber	0.67	10.65	11.14
% Soluble	0.01	0.94	0.98
% Insoluble	0.17	9.71	10.15
Cholesterol	15.27	9.58	6.35
Calories (per 100 grams)	358.27	337.92	302.73
Standard Plate Count	< 3,000/gm	< 3,000/gm	< 3,000/gm
Yeast & Mold and Coliforms	< 10/gm	< 10/gm	< 10/gm
Salmonella	Negative	Negative	Negative
Nutritional Information (mg per 100 grams)			
Vitamins			
Vitamin A (IU)	63.60	27.88	18.46
Vitamin C	2.20	1.30	0.87
Thiamin	0.39	0.58	0.51
Niacin	1.67	2.12	1.98
Riboflavin	1.55	1.08	0.83
Minerals			
Calcium	397.34	444.14	370.48
Sodium	584.88	359.13	258.85
Potassium	1455.20	2315.15	2130.96
Phosphorus	562.45	765.68	682.88
Iron	1.23	6.13	6.33
Magnesium	138.67	261.57	248.00
Zinc	4.66	3.86	3.75
Copper	1.95	1.86	1.61
Essential Amino Acids (gm per 100 grams protein)			
Isoleucine	0.83	2.71	3.04
Leucine	1.48	5.10	5.11
Lysine	1.24	4.13	4.13
Methionine	0.34	0.81	0.80
Phenylalanine	0.61	3.14	3.20
Threonine	0.83	2.78	2.77
Valine	0.92	3.10	3.10
Allergens			
	Milk and milk products	Milk and milk products, soybean and soy products	Soybeans and soy products, milk and milk products